

Date: Friday, 23/05/2008 2:22:23 PM  
User: Jean-Luc Menard

## Process Sheet

OK

Customer : CC-DAR01 Dart Aerospace Ltd. Drawing Name : TUBE  
Job Number : 39470  
Estimate Number : 13337  
P.O. Number :  
This Issue : 23/05/2008 S.O. No. :  
Prsht Rev. : NC Part Number : D37623  
First Issue : 11 Type : R&D MACHINED PARTS Drawing Number : D3762 PROTO  
Previous Run : Drawing Revision : PROTO 08.05.27  
Written By : *[Signature]* 08.05.23 Material :  
Checked & Approved By : Due Date : 30/05/2008 Qty: 6 Um: Each  
Comment : Est Rev:A 08-05-23 new issue DD verified by:

## Additional Product

**PROTOTYPE****FOR ENGINEERING USE ONLY**

Job Number:



Seq. #:

Machine Or Operation:

Description :

1.0

M6061T6R1250

6061-T6 Round Bar 1.250



Comment: Qty.: 0.1134 f(s)/Unit Total : 0.6804 f(s)  
6061-T6 Round Bar 1.250 *1418295* *RP 08/05/23*

2.0

DOOSAN LATHE

DOOSAN LATHE



Comment: Doosan Lathe

1- Turn as per Folio FA749 Rev. *proto.* & Dwg D3762 Rev. *proto.*

2-Deburr per dwg D3762 *RP 08/05/23*

3.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE

Comment: INSPECT PARTS AS THEY COME OFF MACHINE *RP 08/05/07*

4.0

QC8

SECOND CHECK



**ENGINEERING APPROVAL**  
**ENGINEERING APPROVAL**  
**FOR ENGINEERING USE ONLY**

Comment: SECOND CHECK *RP 08.05.27* *[Signature]* 08.05.27

5.0

PACKAGING 1

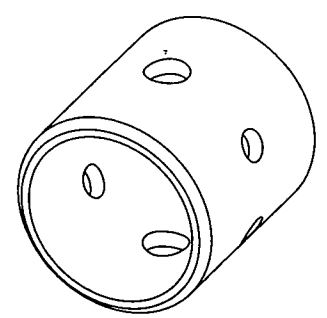
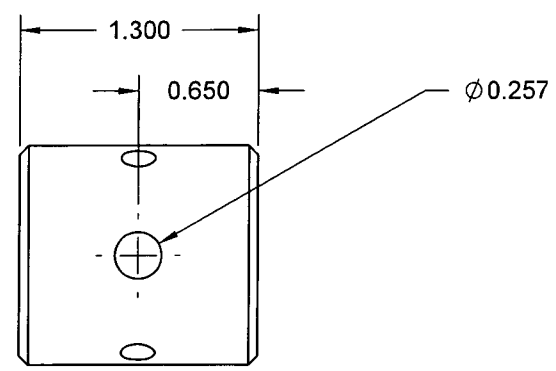
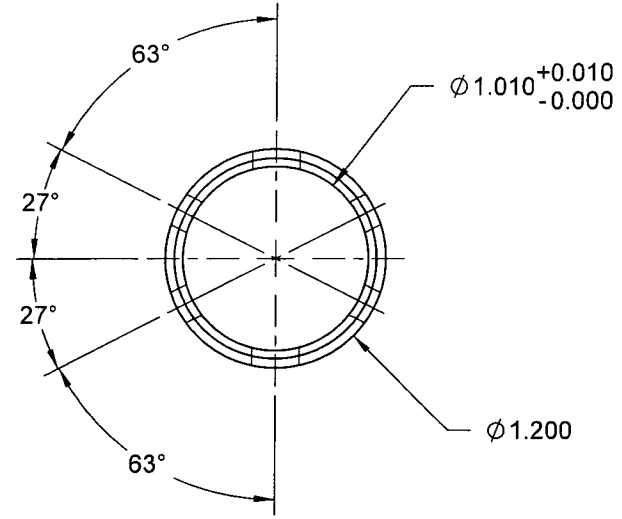
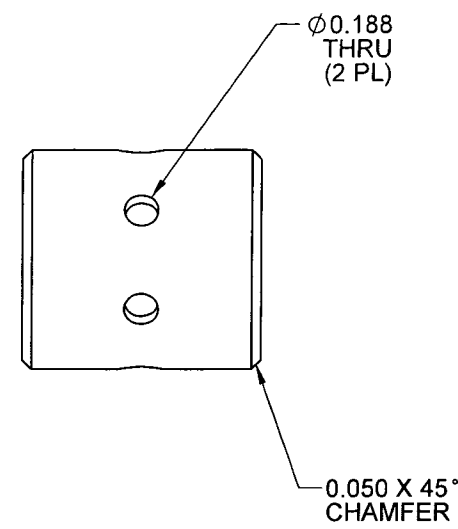
PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: *N/A*



D3762-3 TUBE

PROTOTYPE  
PLEASE RETURN ALL ISSUED  
DATA TO ENGINEERING  
08.05.22

NOTES:  
1) MATERIAL: 6061-T6 (QQ-A-200/8 OR QQ-A-225/8) ALUMINUM BAR (REF DART SPEC M6061T6B)  
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: 0.01 lbs

DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D3762	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		FRONT LEG FITTING	1:1
DATE	08.05.22	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



# Receiving Report

Date: 05/08/16  
Supplier: Copper + Brass

Batch No: M18295  
Dart P/O: 2008463

Packing Slip: Yes ☒ No ☐  
Invoice: Yes ☐ No ☒  
Receipt: Cash ☐ Cr. ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐  
Waybill Attached: Yes ☒ No ☐  
Shipment Complete: Yes ☒ No ☐  
Q.C. Inspection ☒

## Discrepancies

Part No.	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

TSR No. \_\_\_\_\_

Initials of receiver (if shipment OK) CL

Production/Admin:  
Date 05/08/16  
Received/Costing 2008463  
Initial CL  
H:\ISO9000\Forms\Purchase\RECREPORT rev B

Accounting:  
Date \_\_\_\_\_  
AP/MR \_\_\_\_\_  
Initial \_\_\_\_\_

FULL		SCRAP		FILLED BY <b>GM</b>		PACKED BY		Q/A AUDIT	
CUSTOMER RECEIVING HOURS				MAX SKID WEIGHT		LOADING INSTRUCTIONS		MAXIMUM BUNDLE WEIGHT	
BOXES	BARs	CASES	CUSHP	PKGS	SKIDS	BDLS	TUBES	CTNS	FLAT <b>1</b>
INSPECTION RECORD									

## TEST RESULTS

### CERTIFICATE OF COMPLIANCE

We hereby certify that mercury or any of its compounds are not used in the processing and distribution of our products. The products we distribute are not hazardous in their received state. For MSDS sheets go to [www.copperandbrass.com/msds](http://www.copperandbrass.com/msds) or call 248-233-5682. We hereby certify that the material above complies with the following specifications:

ASTM-B221                      AMS-QQ-A-200/8

TAG NO	QUANTITY	UOM	VENDOR	VEND PO	HEAT/LOT	PCS	TAG NO	QUANTITY	UOM	VENDOR	VEND PO	HEAT/LOT	PCS
192931 00	239.00	LB	ALCOA E	0CP0950	1596187	1							



ALCOA EXTRUSIONS, INC.  
53 POTTSVILLE STREET  
CRESSONA, PA  
17929-0187

# Certified Inspection Report

Cert Number	Page
AEP382427	1 of 2
Cert Creation Date	Cert Print Date
17-JUN-05	17-JUN-05

Sales Order Number	Customer P/O
1503729 Line No. 1	CF0342

Quantity Shipped	Date Shipped	Item Description
1000 LB	17-JUN-05	Extruded Econ-o-Rod
B/L	Item No.	1.25 DIA +/- .006
444333	G03370452	SECT 500310
Delivery ID	Item No. Rev	144 IN LN
617352	--	6061 / T6511
Customer Part No		FIN M-MILL
018560-3		W/F 1.443 F 3 CS 1.25
		Marking CONTINUOUS;
		ASTMB221 REV 04
		AMS-QQ-A-200/8 REV
		ASMESB221 REV
		UNS#A96061 REV
		SAEJ454 REV

## Applicable Specifications, Revisions and Exceptions

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

## Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

## Signature And Title

  
Dmitri Sheets  
Tech/Quality Manager  
17-JUN-05

## Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG119914	1701330	29	PCS	506	500
G12-PKG119916	1701330	29	PCS	506	500

## Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.8	---	0.7	0.15	0.40	---	0.15	0.8	1.2	0.04	0.35

Alloy	Zn		Ti		Bi		Pb		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	---	0.25	---	0.15	---	0.05	---	0.05	---	0.05	---	0.15



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1503729	CF0342
Line No. 1	

Cert Number	Page
AEP382427	2 of 2
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17-JUN-05	17-JUN-05

## Composition Results

Heat / Cast / Lot Number	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bi
2000390	0.7	0.26	0.29	0.05	0.9	0.07	0.04	0.02	--

Heat / Cast / Lot Number	Pb	Others Each	Others Total
2000390	--	--	--

## Mechanical Property - Test Limits

Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Tests			--		--		--	
Test Temper	Lot Number	# of Tests	Min	Max	Min	Max	Min	Max
T6511	1701330	9	43.0	47.8	38.8	44.7	11.7	14.8

## Cert Notes

Made in USA